

Eastern

	Local Funding	State Funding	Other Impediments	Other Incentives (Non-Financial)
Fresh Surface Water – Direct Use <ul style="list-style-type: none"> • Not feasible: there are no more large surface sources; it is too expensive for the amount of water 	+	-	<ul style="list-style-type: none"> • Limited supply; must go far upstream • Stakeholders in upstream areas may resist the transfer of water to coastal areas 	
Fresh Surface Water – Reservoirs	+	+ (Regional / Multijurisdictional) <ul style="list-style-type: none"> • Create a new political subdivision (fees) • Grants • Loans 	<ul style="list-style-type: none"> • Limited supply; must go far upstream • Stakeholders in upstream areas may resist the transfer of water to coastal areas • Federal regulations and Army Corps of Engineers criteria (wetlands) • Limited and decreasing land availability 	<ul style="list-style-type: none"> • Strong state support/participation for reservoir development
Stormwater <ul style="list-style-type: none"> • Ponds to replace irrigation wells • Treatment from pump stations • Transfer stormwater to reservoirs 	+	-	<ul style="list-style-type: none"> • Lack of availability during periods of low rainfall • Limited average yield • Vulnerable to contamination • Necessary infrastructure could be extensive • Storage and cost 	<ul style="list-style-type: none"> • Ban or discourage irrigation wells • Ban new irrigation wells • Chesapeake Bay TMDL Protocol credits for stormwater collection and treatment (SLAF Funding)
Reclaimed Water – Direct Potable Reuse	-	-	<ul style="list-style-type: none"> • Negative public perception (e.g., the 	<ul style="list-style-type: none"> • Regulatory changes

<ul style="list-style-type: none"> • A future alternative that will be easier once there is more public acceptance 			“yuck factor”) <ul style="list-style-type: none"> • Prohibited by current regulations 	
Reclaimed Water – Indirect Potable Reuse Sustainable Water Recycling Initiative (SWRI) – HRSD	+ <ul style="list-style-type: none"> • Ratepayers 	+ <ul style="list-style-type: none"> • From permittees • Unpermitted users? • State economic development funds? • Other? 	<ul style="list-style-type: none"> • Water is treated twice, increasing costs • EPA approval • Difficult to explain the project and all benefits (education is needed) • Fairness concerning the benefits and costs to nonusers 	<ul style="list-style-type: none"> • A mechanism to include unpermitted users to pay or contribute • Education
Reclaimed Water – Non-Potable Use			<ul style="list-style-type: none"> • Requires distribution systems 	
Reclaimed Water – Water Treatment Plant Interconnects			<ul style="list-style-type: none"> • Requires interconnect pipelines 	
Desalination – Seawater			<ul style="list-style-type: none"> • Waste concentrate disposal issues 	
Desalination – Brackish Surface Water			<ul style="list-style-type: none"> • Waste concentrate disposal issues 	
Desalination – Brackish Groundwater			<ul style="list-style-type: none"> • Waste concentrate disposal issues 	
Decentralized Small Scale Systems Supplied by Quarries or Other Impoundments			<ul style="list-style-type: none"> • Water might be less available during periods of low rainfall • Necessary infrastructure could be extensive 	

Inter-Basin Transfers		+	<ul style="list-style-type: none">• Requires long transmission pipelines• Stakeholders might resist the transfer of water to the coastal region	
Aquifer Storage and Recovery (ASR)				